

FIG. 3

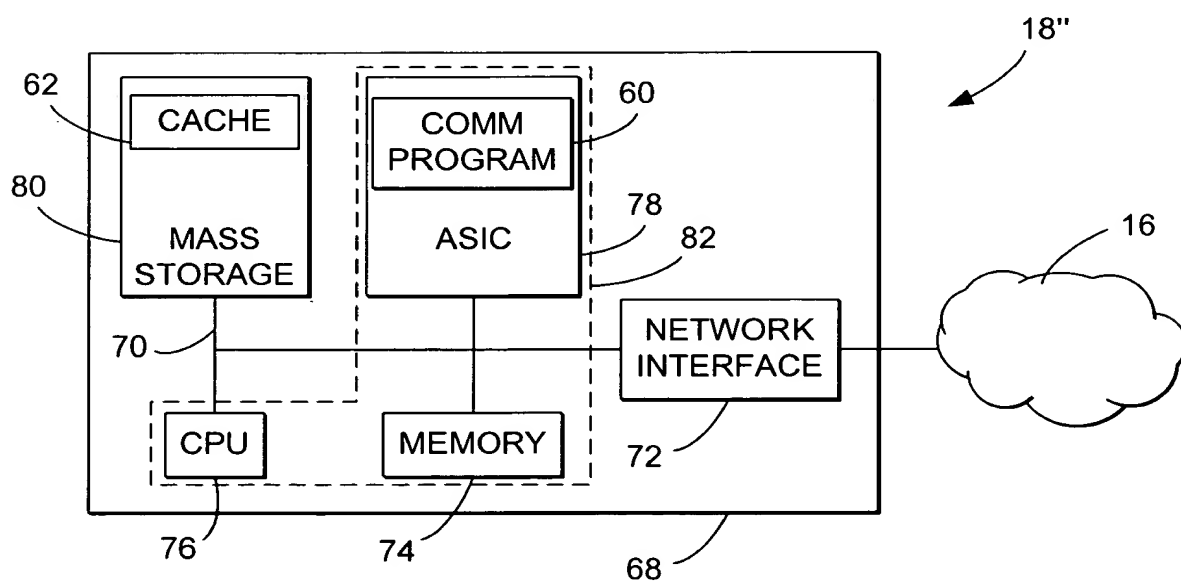


FIG. 4

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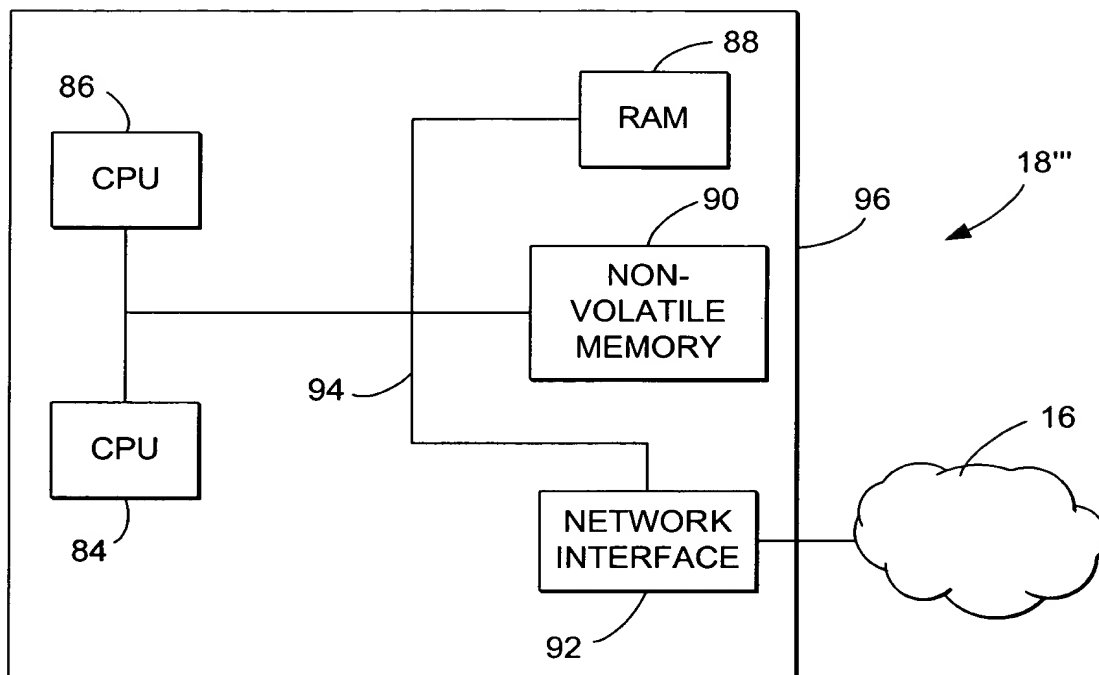


FIG. 5

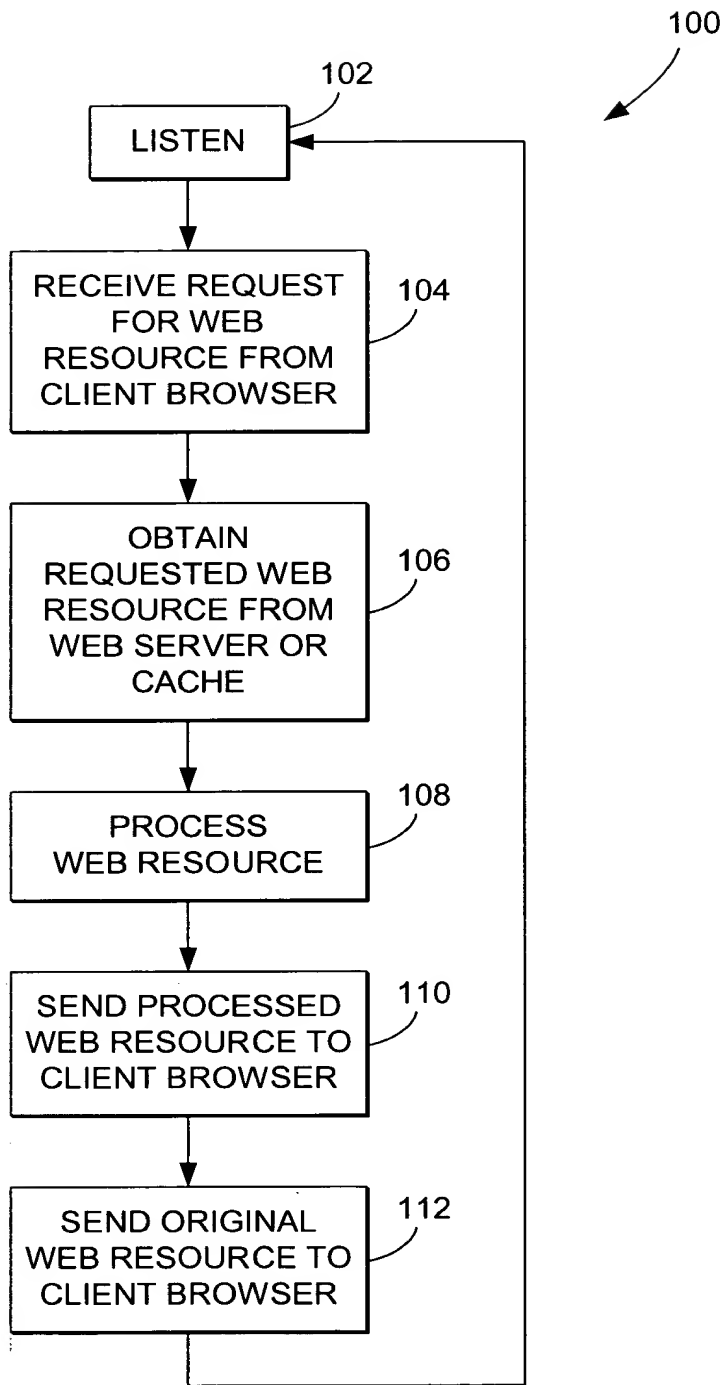


FIG. 6

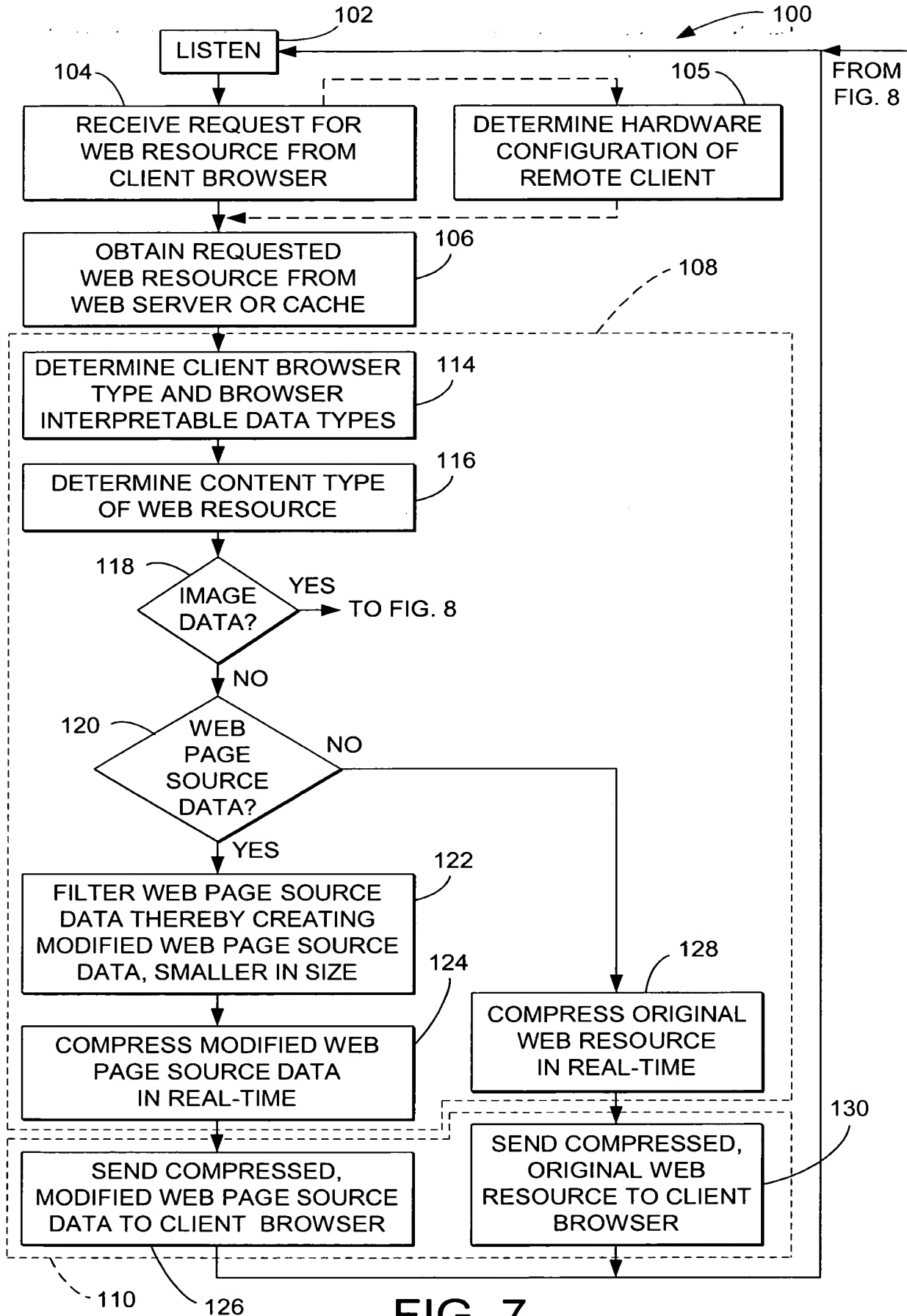


FIG. 7

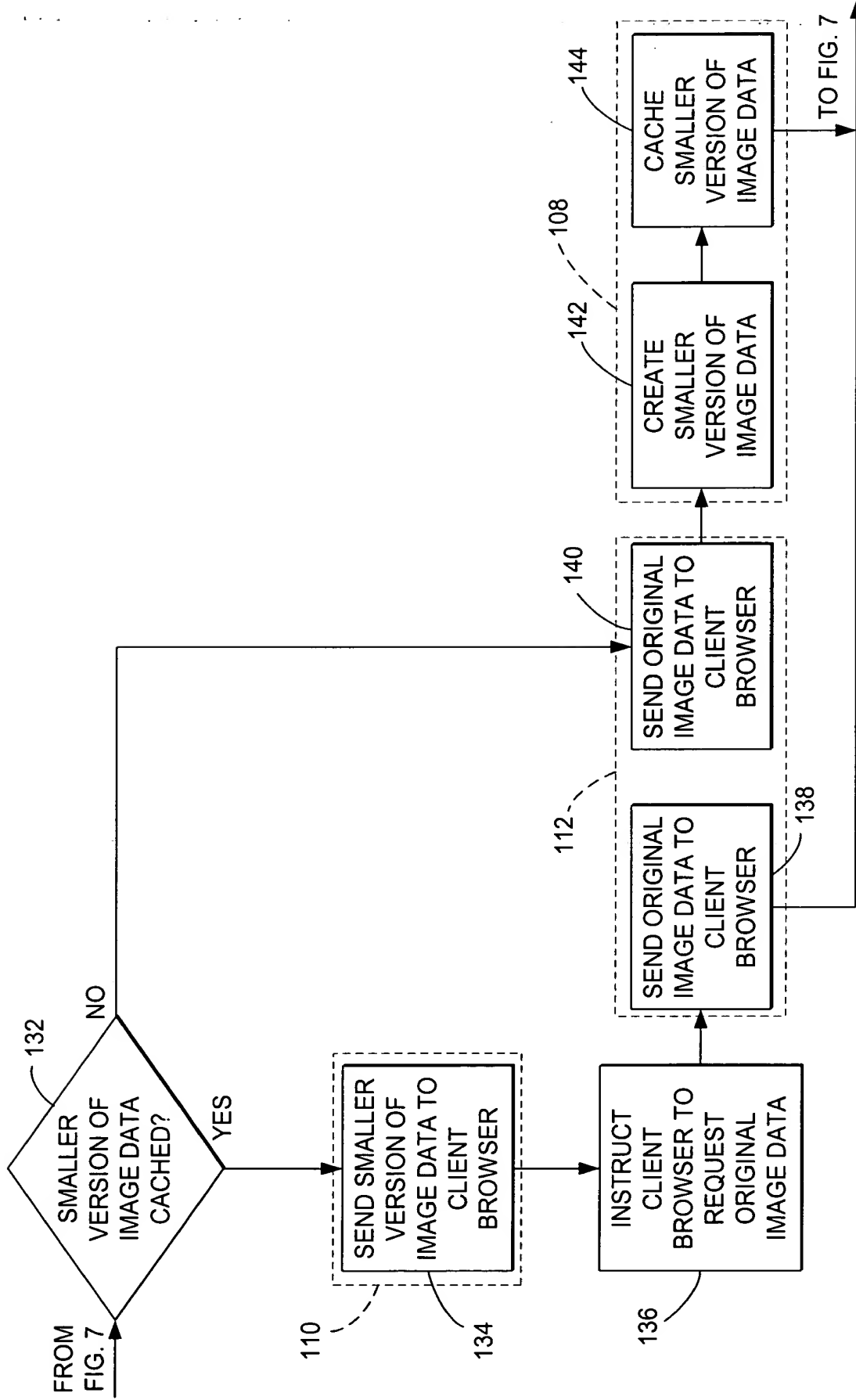


FIG. 8

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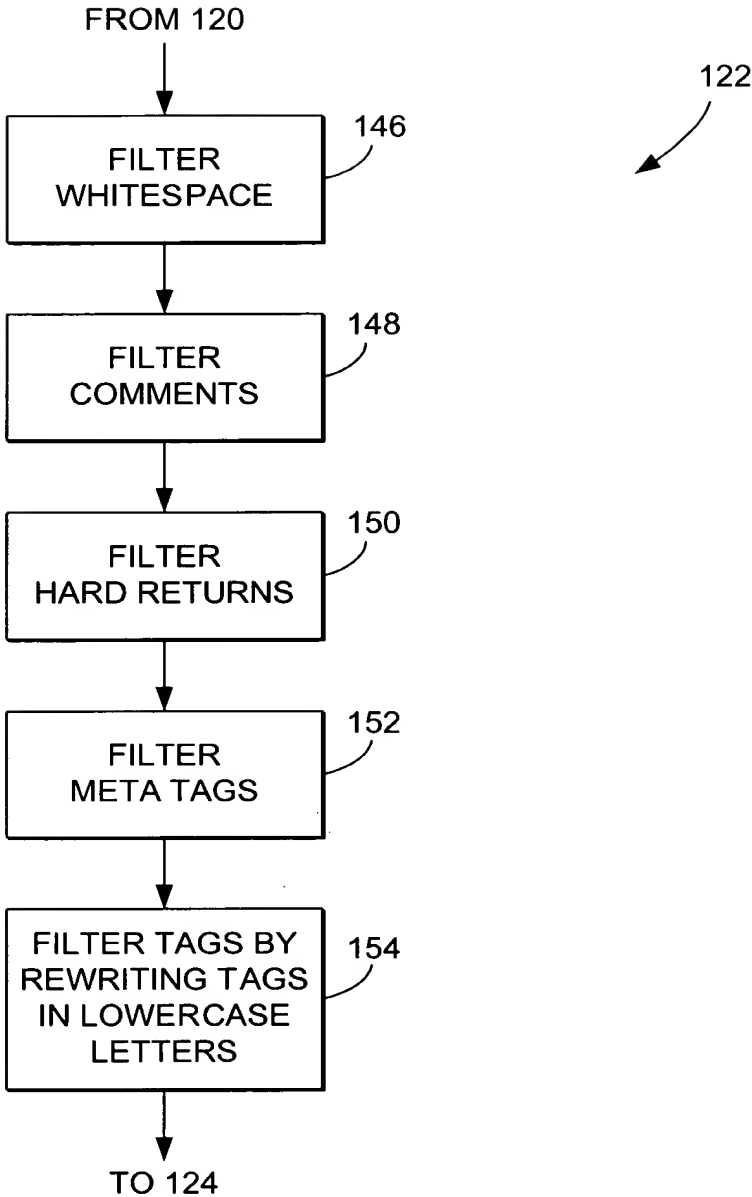


FIG. 9

```
graph TD; 105[DETECT HARDWARE CONFIGURATION OF CLIENT, INCLUDING NUMBER OF COLORS AND RESOLUTION OF DISPLAY] --> 114[DETERMINE BROWSER TYPE AND BROWSER INTERPRETABLE DATA FORMATS]; 114 --> 156[DETERMINE IMAGE PARAMETERS, INCLUDING NUMBER OF COLORS, SIMILARITY OF COLORS AND FILE SIZE]; 156 --> 158[SELECT OPTIMUM DATA FORMAT BASED ON BROWSER INTERPRETABLE DATA FORMATS, IMAGE PARAMETERS AND HARDWARE CONFIGURATION OF CLIENT]; 158 --> 160{DATA FORMAT CHANGE?}; 160 -- YES --> 162[MODIFY FORMAT OF ORIGINAL IMAGE DATA TO SELECTED OPTIMUM DATA FORMAT]; 162 --> Exit(( )); 160 -- NO --> Exit;
```

The flowchart illustrates the process of selecting an optimum data format based on client hardware configuration, browser type, and image parameters. The steps are as follows:

- 105**: DETECT HARDWARE CONFIGURATION OF CLIENT, INCLUDING NUMBER OF COLORS AND RESOLUTION OF DISPLAY
- 114**: DETERMINE BROWSER TYPE AND BROWSER INTERPRETABLE DATA FORMATS
- 156**: DETERMINE IMAGE PARAMETERS, INCLUDING NUMBER OF COLORS, SIMILARITY OF COLORS AND FILE SIZE
- 158**: SELECT OPTIMUM DATA FORMAT BASED ON BROWSER INTERPRETABLE DATA FORMATS, IMAGE PARAMETERS AND HARDWARE CONFIGURATION OF CLIENT
- 160**: DATA FORMAT CHANGE? (Decision point)
 - If **YES**, proceed to **162**: MODIFY FORMAT OF ORIGINAL IMAGE DATA TO SELECTED OPTIMUM DATA FORMAT.
 - If **NO**, proceed to the exit point.

TO FIG.11

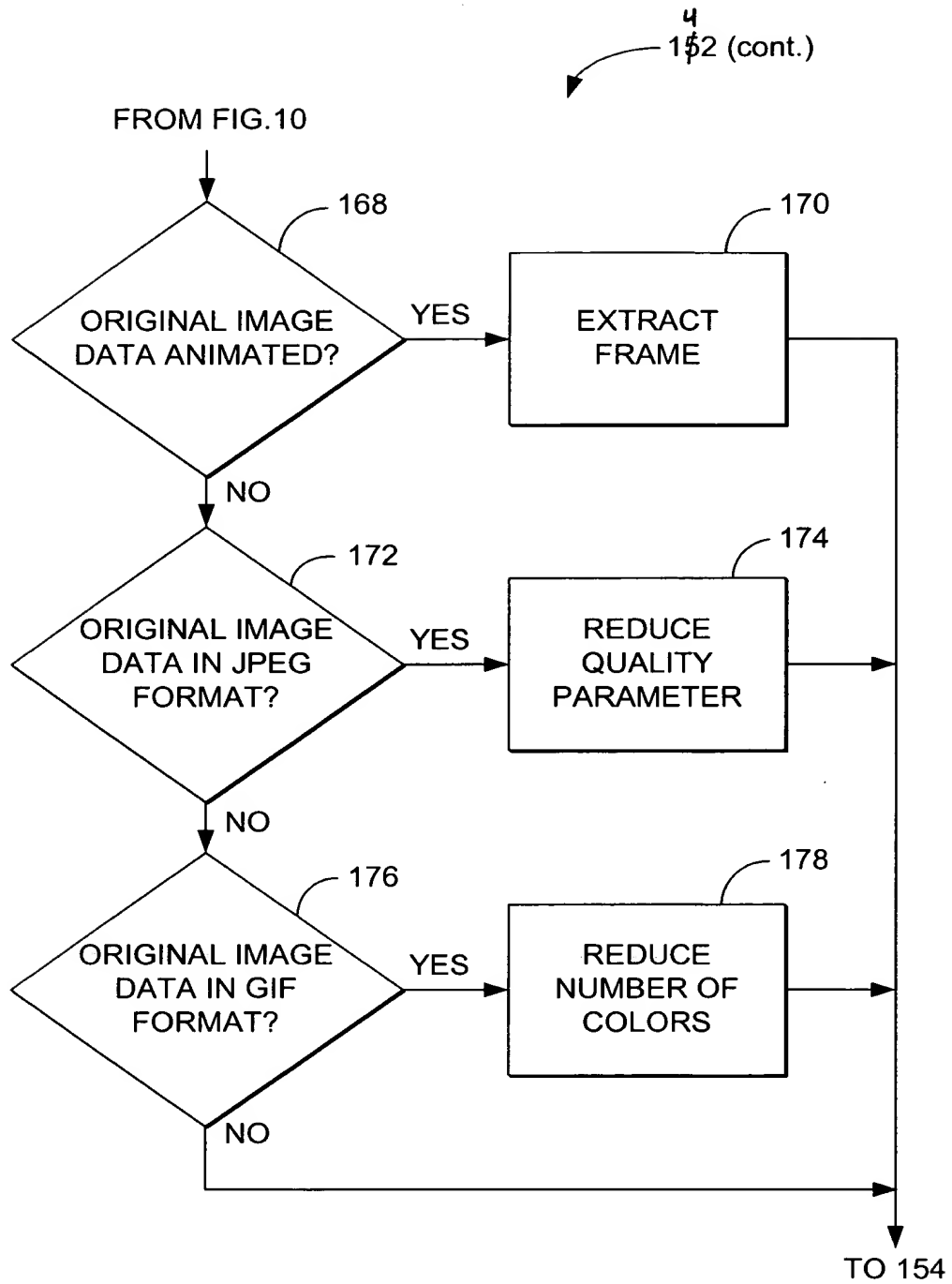


FIG. 11

```

graph TD
    200(( )) --> 202[LISTEN]
    202 --> 204[RECEIVE REQUEST FOR ORIGINAL  
IMAGE DATA FROM CLIENT  
BROWSER]
    204 --> 206{ORIGINAL IMAGE  
DATA AND ASSOCIATED SMALLER  
VERSION OF ORIGINAL IMAGE DATA  
CACHED?}
    206 -- YES --> 222[RETRIEVE SMALLER  
VERSION AND ORIGINAL  
IMAGE DATA FROM  
CACHE]
    206 -- NO --> 208[OBTAIN REQUESTED ORIGINAL IMAGE  
DATA FROM WEB SERVER]
    208 --> 210[CREATE SMALLER VERSION OF  
IMAGE DATA FROM  
ORIGINAL IMAGE DATA]
    210 --> 211[MODIFY DATA FORMAT]
    211 -- OR --> 212[EXTRACT FRAME]
    212 -- OR --> 214[REDUCE QUALITY  
PARAMETER]
    214 -- OR --> 216[REDUCE NUMBER OF  
COLORS]
    216 --> 218[SEND SMALLER VERSION OF IMAGE DATA  
TO CLIENT BROWSER FOR DISPLAY]
    222 --> 218
    218 --> 220[SEND ORIGINAL VERSION OF IMAGE DATA  
TO CLIENT BROWSER FOR DISPLAY]
    220 --> 200

```

FIG. 12

FIG. 12

009001" 52908960

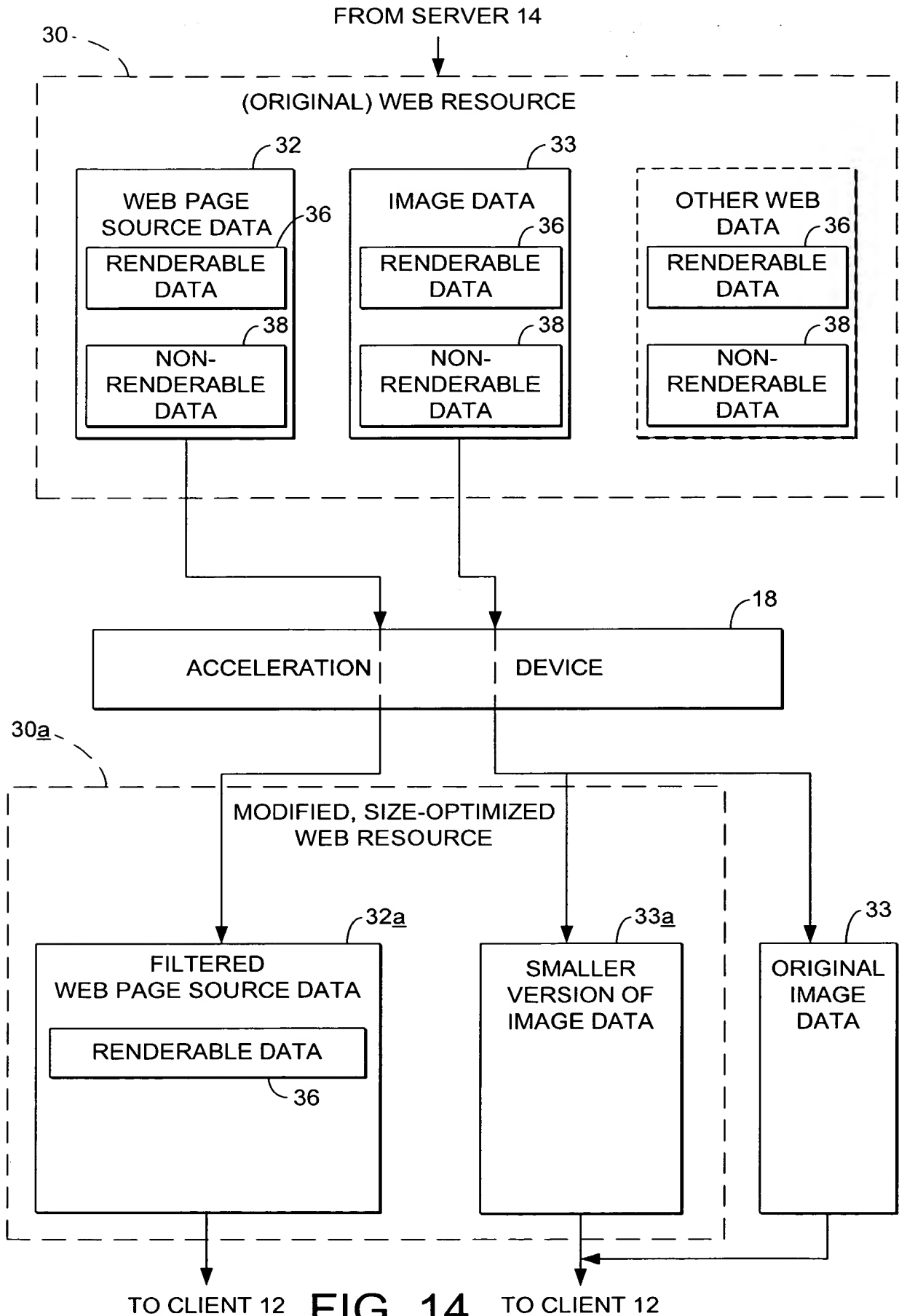


FIG. 14

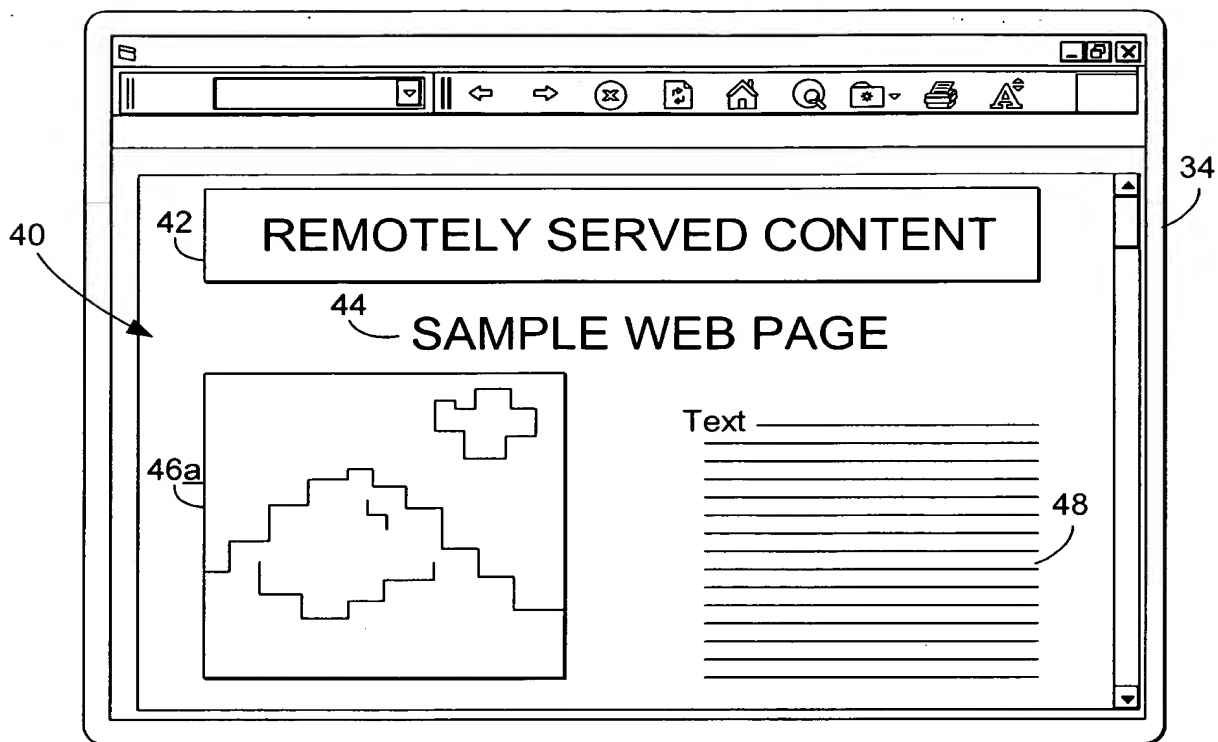


FIG. 15

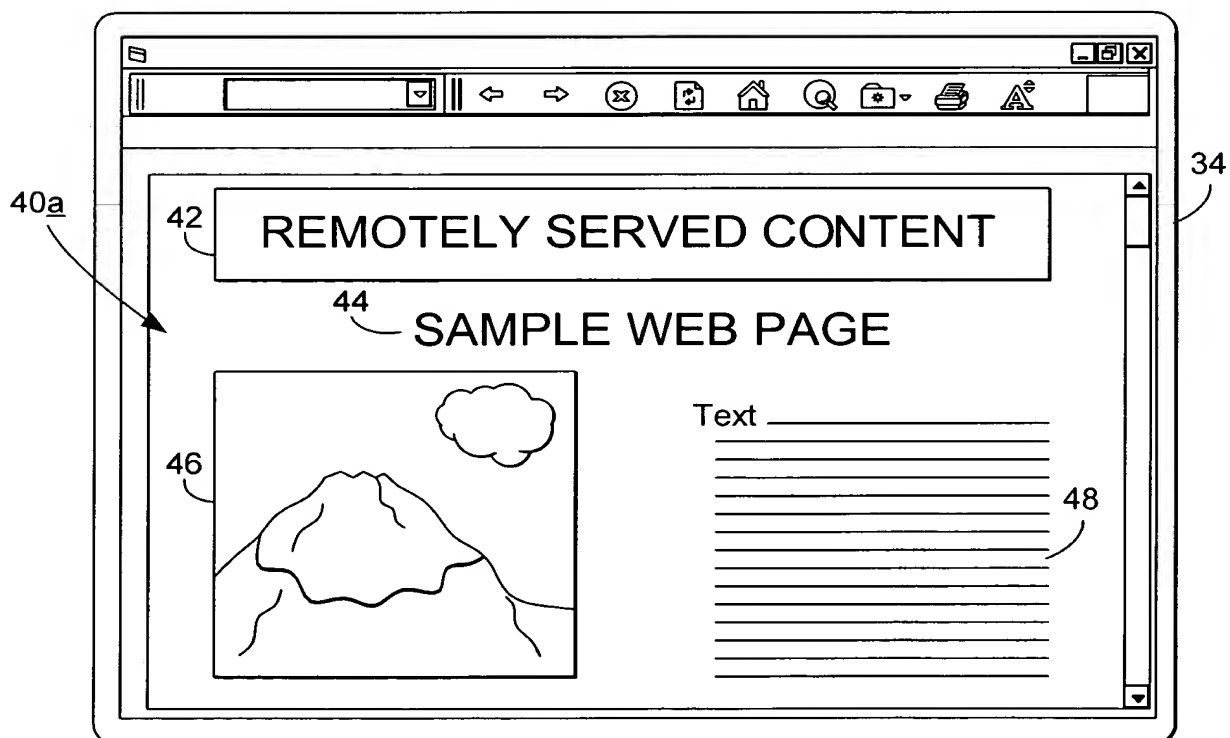


FIG. 16

060000Z JUL 70



